

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



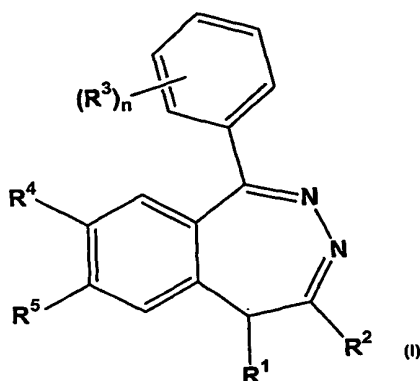
(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056017 A1

- (51) International Patent Classification⁷: **A61K 31/55**
- (21) International Application Number:
PCT/US2004/040403
- (22) International Filing Date: 3 December 2004 (03.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PCT/US03/38643 3 December 2003 (03.12.2003) US
10/727,940 3 December 2003 (03.12.2003) US
- (71) Applicant (for all designated States except US): **VELA PHARMACEUTICALS, INC.** [US/US]; 820 Bear Tavern Road, Suite 300, Ewing, NJ 08628-1021 (US).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **LEVENTER, Steven, M.** [US/US]; 72 Oakwynne Terrace, Langhorne, PA 19047 (US). **KUCHARIK, Robert, F.** [US/US]; 1 Ashlea Drive, Glenmoore, PA 19343 (US).
- (74) Agents: **BUCHANAN, Robert, L.** et al.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF INFLAMMATORY DISORDERS OF THE EPITHELIUM WITH LOW DOSE 2,3-BENZODIAZEPINES



(57) Abstract: Compounds according to formula (I) wherein R¹, R², R³, R⁴, R⁵ and n are as defined herein, are administered at low dosage for the prevention or treatment of inflammatory disorders, particularly those affecting epithelial tissues such as those of the skin and gastrointestinal tract.

WO 2005/056017 A1